

**Threats and Disturbances:**

**DEM Water Quality Ratings:** Ellerbe Creek is rated as poor both biologically and chemico-physically (DEM 1985); Little Lick Creek was rated as Good-Fair, biologically, in 1985, but has more recently been rated as Poor (DEM, 1991); Panther Creek was given a Good-Fair Biologic Rating in 1985 (DEM, 1985)

**Sources of Pollution:** Durham's Northside Wastewater Treatment discharges into Ellerbe Creek, as do several residential, institutional and commercial package treatment plants; several residential, institutional and commercial package treatment plants empty into Panther Creek, Chunkey Pipe Creek and Little Lick Creek

**Barriers to Migration:** Falls Lake Dam is a major barrier

**Potential for Impoundment, Flow Alteration or Draining:** Subimpoundments have been constructed on some of the tributaries in the gamelands

**Species Records:**

*Castor canadensis* (92-04-20/o)  
*Kinosternon subrubrum* (DUKE)  
*Desmognathus fuscus* (DUKE)  
*Rana palustris* (92-03-27/o)  
*Rana utricularia* (DUKE)  
*Lepisosteus osseus* (MENH)  
*Anguilla rostrata* (MENH)  
*Dorosoma petenense* (MENH)  
*Esox americanus* (MENH)  
*Esox niger* (MENH)  
*Carassius auratus* (MENH)  
*Cyprinus carpio* (MENH)  
*Notemigonus crysoleucas* (MENH)  
*Semotilus atromaculatus* (MENH)

*Nocomis leptcephalus* (MENH)  
*Ictiobus bubalus* (MENH)  
*Catostomus commersoni* (MENH)  
*Erimyzon oblongus* (MENH)  
*Moxostoma macrolepidotum* (MENH)  
*Moxostoma pappilosum* (MENH)  
*Ictalurus punctatus* (MENH)  
*Ameiurus catus* (MENH)  
*Ameiurus natalis* (MENH)  
*Ameiurus nebulosus* (MENH)  
*Noturus insignis* (MENH)  
*Gambusia affinis holbrooki* (MENH)  
*Morone americana* (MENH)  
*Morone saxatilis* (MENH)

*Centrarchus macropterus* (MENH)  
*Pomoxis annularis* (MENH)  
*Pomoxis nigromaculatus* (MENH)  
*Micropterus salmoides* (MENH)  
*Lepomis gulosus* (MENH)  
*Lepomis cyanellus* (MENH)  
*Lepomis macrochirus* (MENH)  
*Lepomis microlophus* (MENH)  
*Lepomis gibbosus* (MENH)  
*Lepomis auritus* (MENH)  
*Perca flavescens* (MENH)  
*Etheostoma nigrum* (MENH)  
*Epitheca cynosura* (92-04-20/o)  
*Libellula lydia* (92-04-20/o)

**Additional Survey Needs:**

Many of the fish records date before the construction of Falls Lake; a new survey should be conducted for species that once inhabited the tributary streams.